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- *** Passed Patent Bar Exam

August 9, 2004

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Re:

U.S. Patent Application No.: 10/811081

For: NOVEL GLYCOPROTEINS AND METHODS

OF USE THEREOF

Inventors: EL TAYAR, Nabil et al.

Filed: March 25, 2004 Our Ref. No.: SNI-002CN3

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

- 1. Information Disclosure Statement;
- 2. PTO Form SB/08; and
- 3. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

August 9, 2004 Date

DeAnn F. Smith, Esq., Reg. No. 36,683

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

DeAnn F. Smith, Esq. Registration No. 36,683 Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Tayar, Nabil El, et al.

Application No.: 10/811081

Attty. Docket No. SNI-002CN3

Filed: March 25, 2004

Art Unit: 1647

For: NOVEL GLYCOPROTEINS AND METHODS

OF USE THEREOF

Examiner: Kapust, Rachel B.

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Certificate of First Class Mailing (37 CFR §1.8(a))

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August 9, 2004

Date of Signature and of Mail Deposit

By:

DeAnn F. Smith, Esq. Registration No. 36,683

Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

For the Examiner's convenience in reviewing this continuation application, Applicants submit a consolidated PTO Form SB/08, listing all references cited during the prosecution of the parent application. The present application is a Continuation of U.S. Serial No. 09/927876, filed August 10, 2001 (Atty. Docket No. SNI-002). All references listed on the enclosed PTO Form SB/08 have been previously cited by or submitted to the Office in the prior application, and, in accordance with 37 CFR §1.98(d), copies of the references are not enclosed but will be provided upon request.

Serial Number: 10/811081 Page -2- Group Art Unit: 1647

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted, LAHIVE & COCKFIELD, LLP

DeAnn F. Smith, Esq. Registration No. 36,683 Attorney for Applicants

28 State Street Boston, MA 02109 (617) 227-7400

Date: August 9, 2004 GAD/DFS/JMS/krj Enclosures



Complete if Known Substitute for form 1449A/B/PTO Application Number 10/811081 **INFORMATION DISCLOSURE** Filing Date March 25, 2004 STATEMENT BY APPLICANT Tayar, Nabil El First Named Inventor Art Unit 1647 (Use as many sheets as necessary) Examiner Name Kapust, Rachel B. SNI-002CN3 Sheet 1 13 Attorney Docket Number

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,522,811	06-11-1985	Eppstein <i>et al</i> .	
	A2	4,683,195	07-28-1987	Mullis et al.	
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	A4	4,736,866	04-12-1988	Leder et al.	
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	B1	EP 0 125 023 B2	05-06-1991	Genentech, Inc. et al.		
	B2	EP 0 171 496 B1	05-26-1993	Research Development Corporation of Japan		
	В3	EP 0 173 494 A2	03-05-1986	The Board of Trustees of the Leland Stanford Junior University		
	B4	EP 0 184 187 A2	06-11-1986	Teijin Limited		
	B5	EP 0 264 166 B1	08-21-1996	Genzyme Corporation		
	B6	WO 86/01533 A1	03-13-1986	Celltech Limited		
	B7	WO 86/02269 A1	04-24-1986	Handelman, Joseph H.		
	B8	WO 88/09810 A1	12-15-1988	Synthetic Genetics		

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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۱.	IEODMATION			Application Number	10/811081	
	FORMATION			Filing Date	March 25, 2004	
S	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Tayar, Nabil El	
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				Examiner Name	Kapust, Rachel B.	
Sheet	2		13	Attorney Docket Number	SNI-002CN3	

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
	B9	WO 89/10134 A1	11-02-1989	The Regents of the University of California		
	B10	WO 90/11354 A1	10-04-1990	Institut Pasteur		Abstr
	B11	WO 91/01140 A1	02-07-1991	Cell Genesys, Inc.		
	B12	WO 91/07491 A1	05-30-1991	Genetics Institute, Inc.		
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	B24	WO 01/60850 A1	08-23-2001	Smithcline Beecham Corporation et al.		
	B25	WO 01/73034 A2,A3	10-04-2001	Amgen Inc.		
	B26	WO 01/85783 A2,A3	11-15-2001	Serono, Inc.		
	B27	WO 02/30978 A1	04-18-2002	Regeneron Pharmaceuticals, Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
	C1	Abravaya et al. "Detection of point mutations with a modified ligase chain reaction (Gap-LCR)." Nucleic Acids Res. 1995 Feb 25;23(4):675-82.				

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S	TATEMENT B	3Y A	APPLICANT	First Named Inventor	Tayar, Nabil El	
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				Examiner Name	Kapust, Rachel B.	
Sheet	3		13	Attorney Docket Number	SNI-002CN3	

		NON PATENT LITERATURE DOCUMENTS	
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	C2	Amann et al. "Tightly regulated tac promoter vectors useful for the expression of unfused and fused proteins in Escherichia coli." Gene. 1988 Sep 30;69(2):301-15.	
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١.,	IEODMATION	I DIOOL OOLIDE	Application Number	10/811081		
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Sheet	4	13	Attorney Docket Number	SNI-002CN3		

i		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	country where published.	T ²
	C21	Bray et al. "Kinetic studies of the metabolism of foreign organic compounds. The formation of benzoic acid from benzamide toluene, benzyl alcohol and benzaldehyde and its conjugation with glycine and glucuronic acid in the rabbit." J Biochem (Tokyo). 1951 Jan;48(1):88-96.	
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	C25	Camper et al. "Postnatal repression of the α-fetoprotein gene is enhancer independent." Genes Dev. 1989 Apr;3(4):537-46.	
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	C27	Carrell et al. "A novel procedure for the synthesis of libraries containing small organic molecules." 1994; Angew Chem Int Engl 33:2059-61.	
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·	C29	Chen et al. "Gene therapy for brain tumors: regression of experimental gliomas by adenovirus-mediated gene transfer in vivo." Proc Natl Acad Sci U S A. 1994 Apr 12;91(8):3054-7.	
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	C40	de Vries et al. "The effect of recombinant mast cell growth factor on purified murine hematopoietic stem cells." J Exp Med. 1991 May 1;173(5):1205-11.	
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	C42	Devlin et al. "Random peptide libraries: a source of specific protein binding molecules." Science. 1990 Jul 27;249(4967):404-6.	
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	C58	Genbank Accession No. AAH10957 for Glycoprotein hormones, alpha polypeptide precursor [Homo sapiens].	
xamine Signature		Date Considered	

Substitute for form 1449A/B/PTO				T	Complete if Known
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	C59	Genbank Accession No. AC000159 for Homo sapiens Chromosome 11q13 BAC Clone b79g17, complete sequence.	
	C60	Genbank Accession No. AL118555 for Human chromosome 14 DNA sequence BAC C-2011M8 of library CalTech-D from chromosome 14 of Homo sapiens (Human), complete sequence.	
	C61	Genbank Accesion No. BE131943 for db40d09.y1 Blackshear/Soares normalized Xenopus egg library Xenopus laevis cDNA clone IMAGE:3300977 5' similar to SW:GTHB_CYPCA P01235 GONADOTROPIN BETA CHAIN PRECURSOR. [2] SW:GTHB_CYPCA;, mRNA sequence.	
	C62	Genbank Accession No. CAC10957 for immunoglobulin lambda light chain variable region [Homo sapiens].	
	C63	Genbank Accession No. CAC43234 for glycoprotein hormone alpha subunit protein [Scyliorhinus canicula].	
	C64	Genbank Accession No. P01225 for Follitropin beta chain precursor (Follicle-stimulating hormone beta subunit) (FSH-beta) (FSH-B).	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	
Signature	Considered	
Signature	Considered	l

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.